OIPE
JUN 13 2005
PATENT & TRADEMARK OFFICE

Replacement Sheet

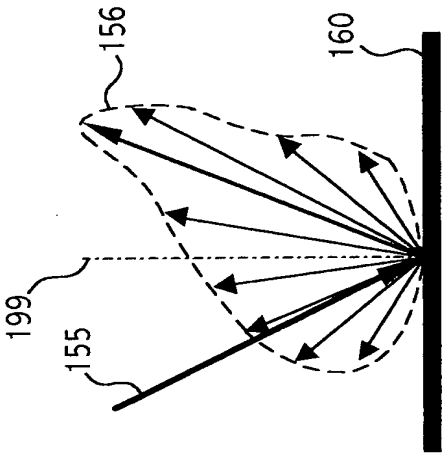

FIGURE 1C

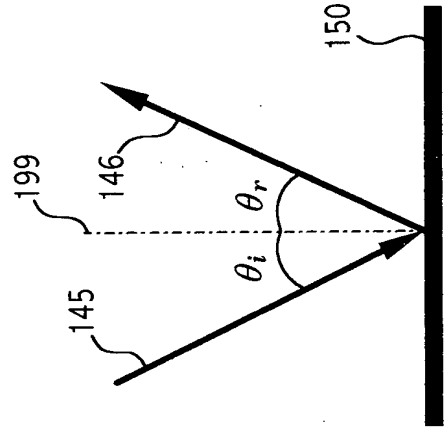

FIGURE 1B

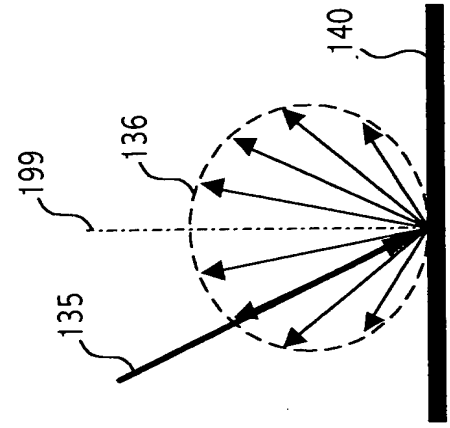

FIGURE 1A

Replacement Sheet

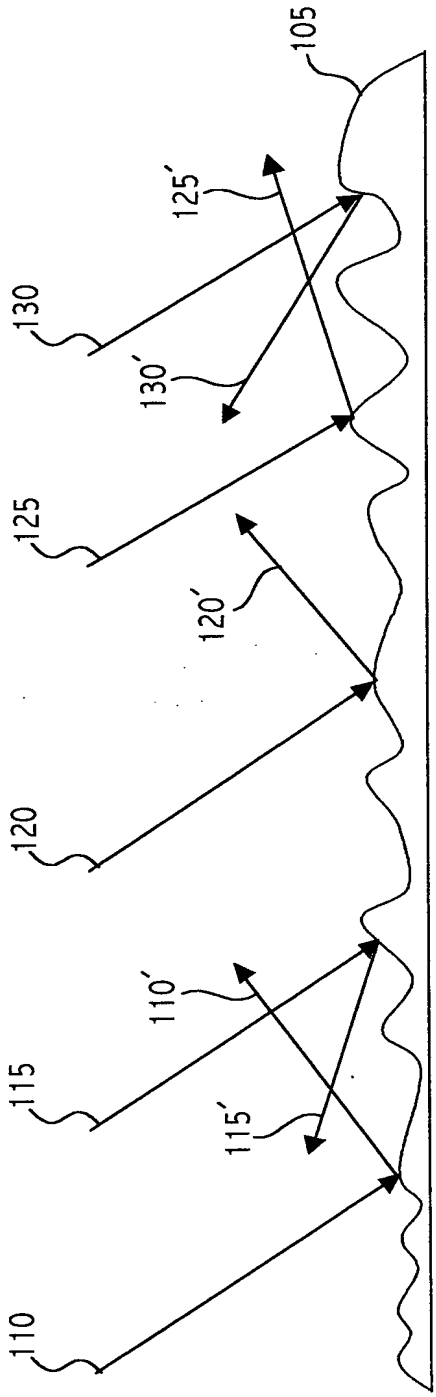

FIGURE 1D

Replacement Sheet

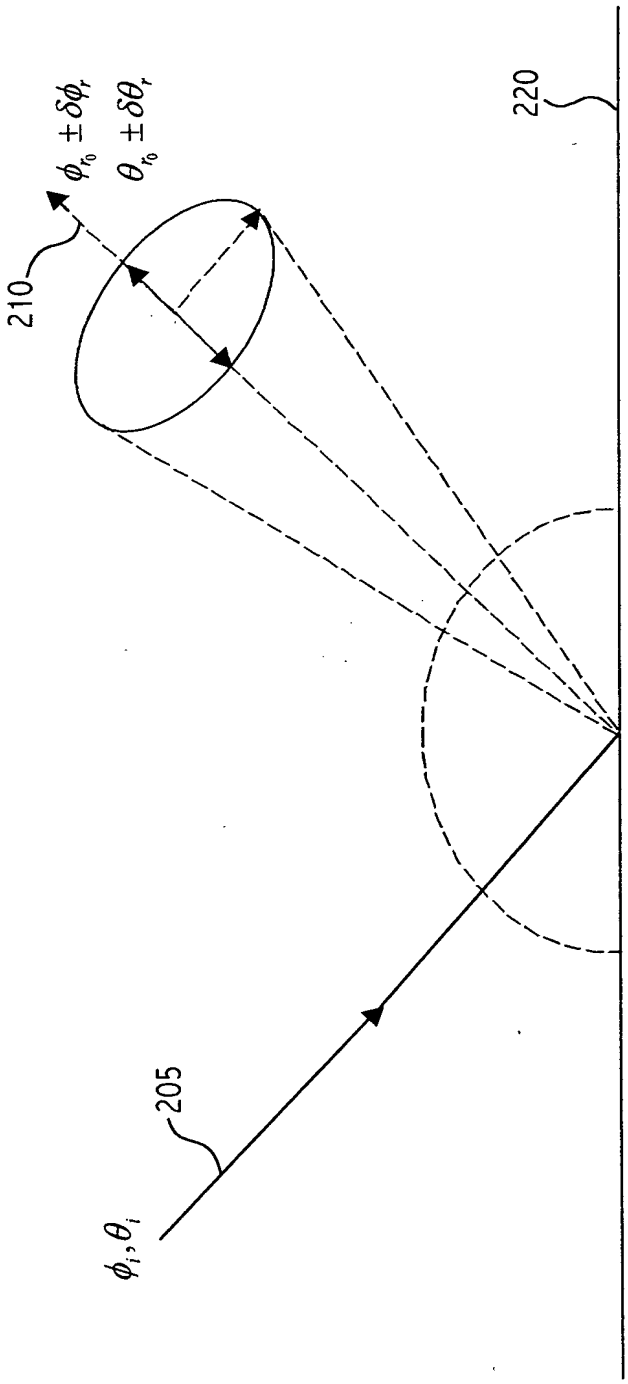

FIGURE 2

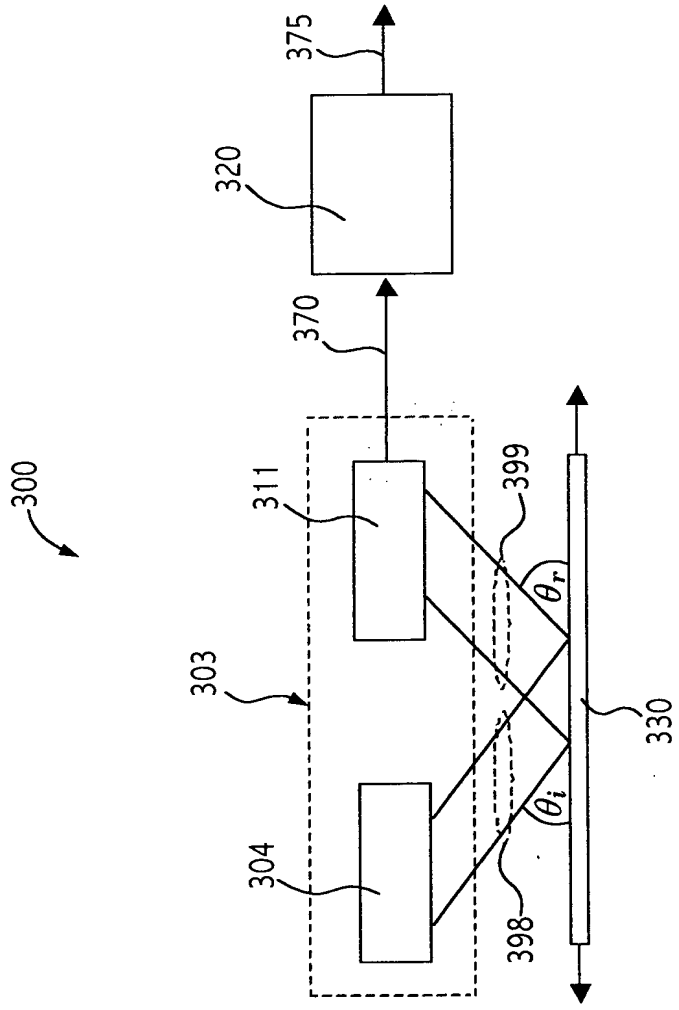

FIGURE 3A

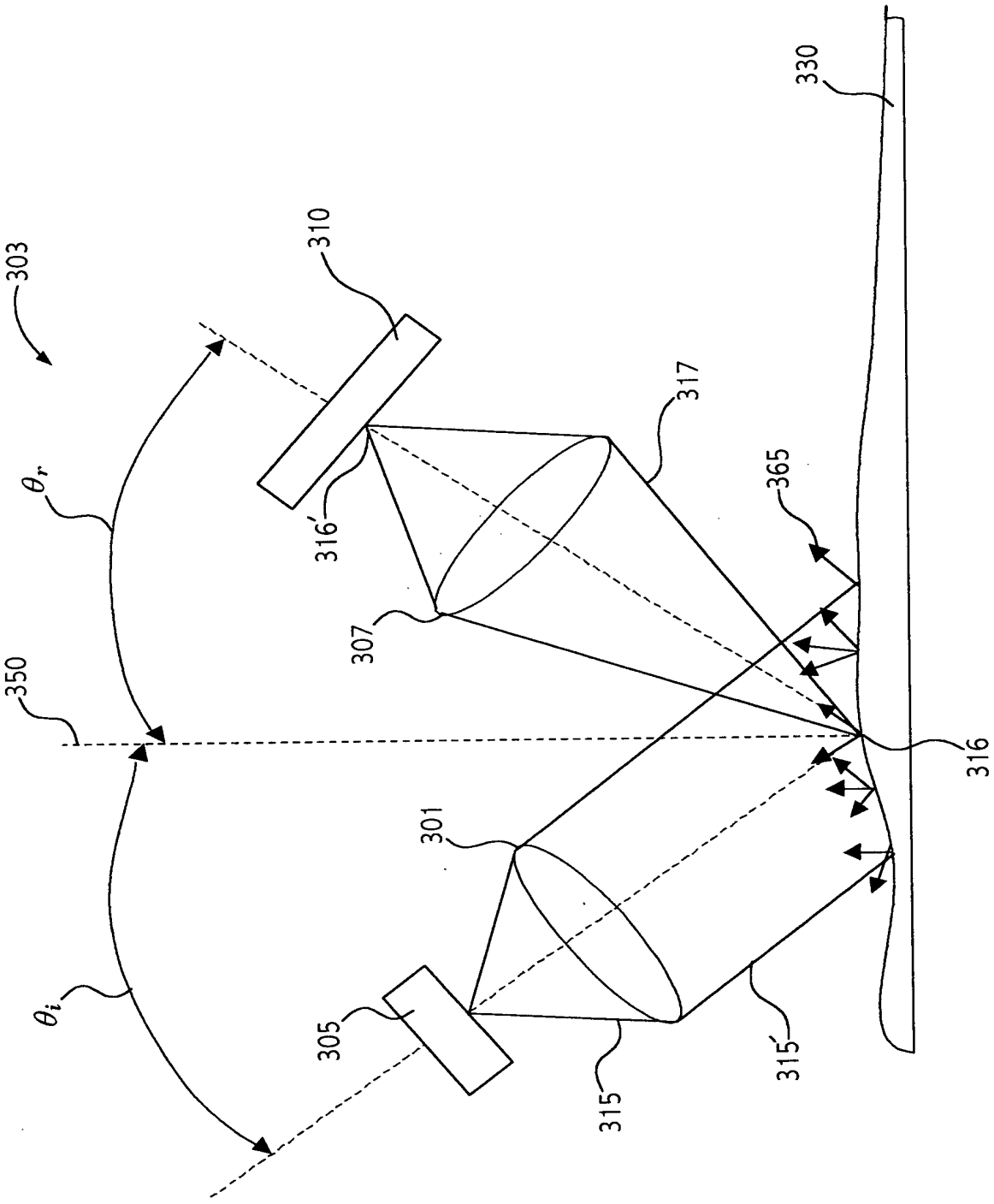
303
310
330
317
365
316'
307
350
316
301
305
315
315'
θ_r
θ_i

FIGURE 3B

Replacement Sheet

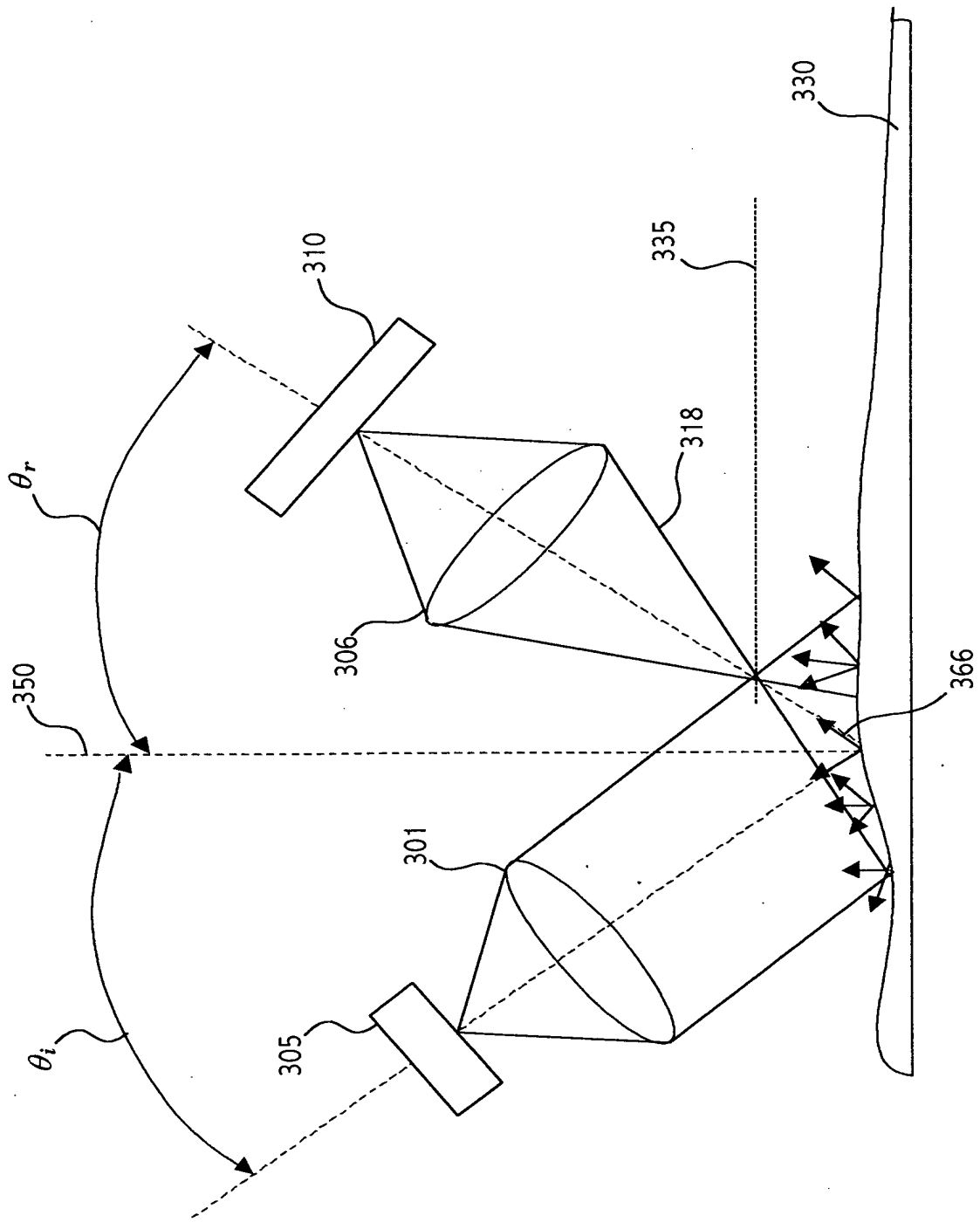

FIGURE 3C

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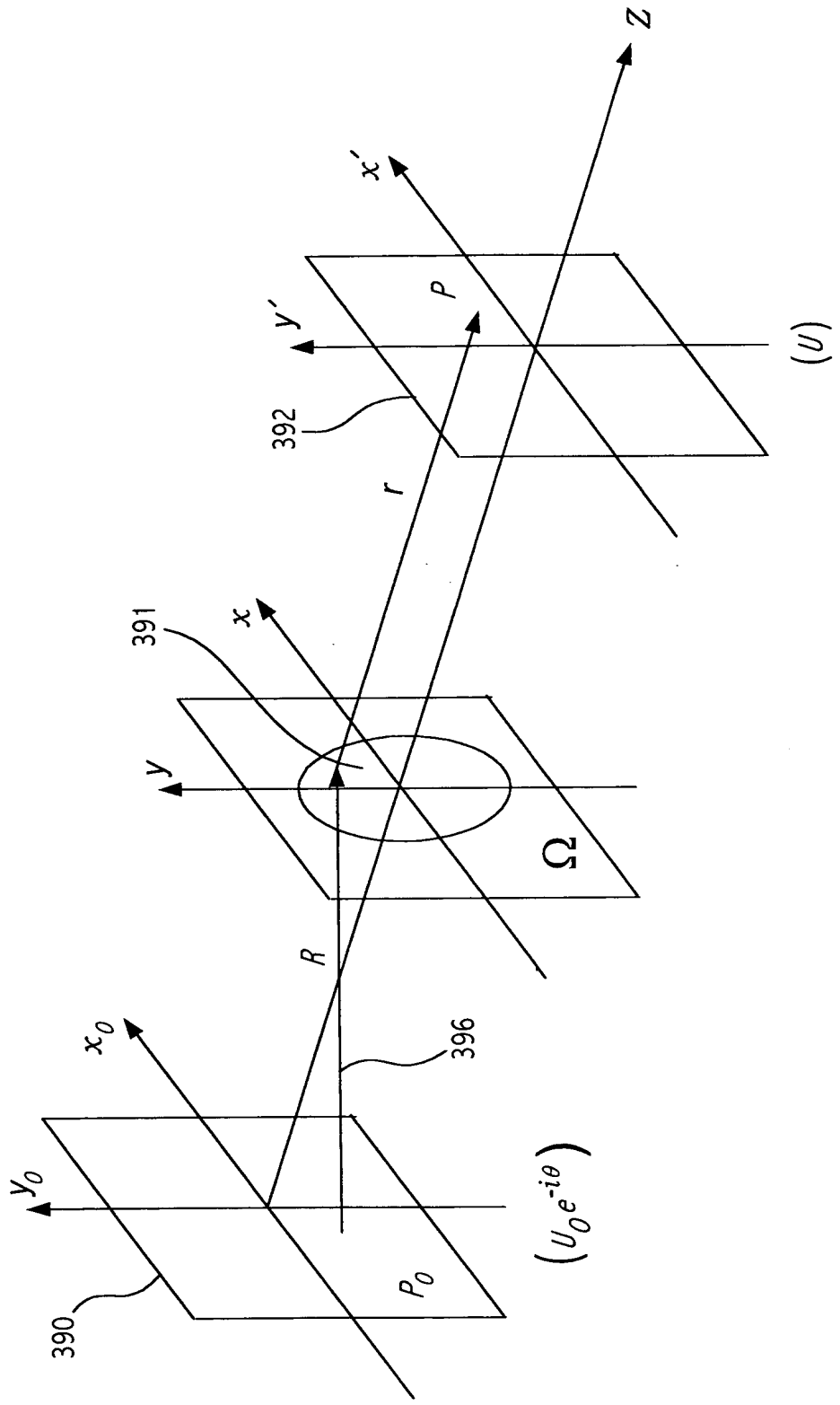

FIGURE 3D

Replacement Sheet

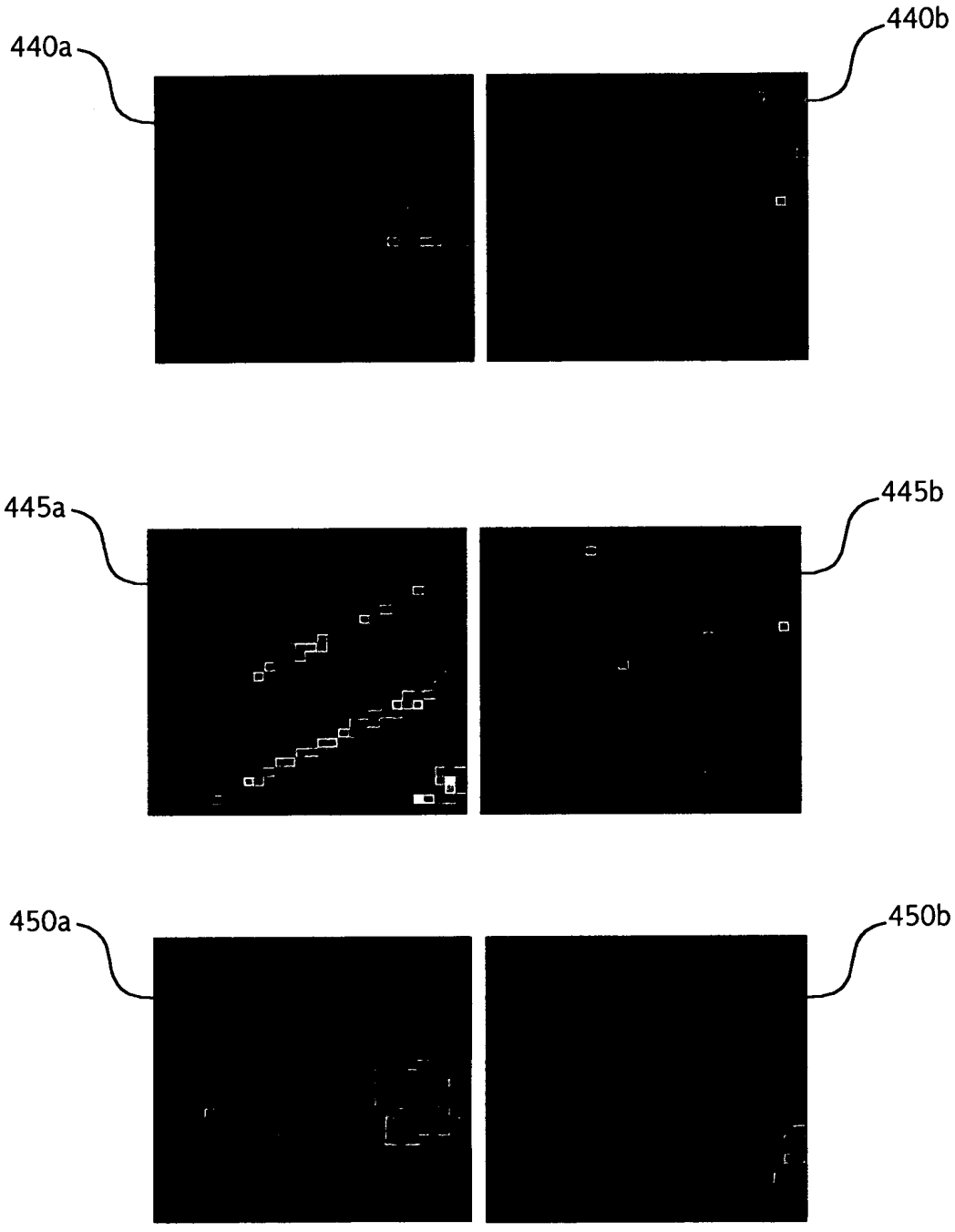

FIGURE 4A

BEST AVAILABLE COPY

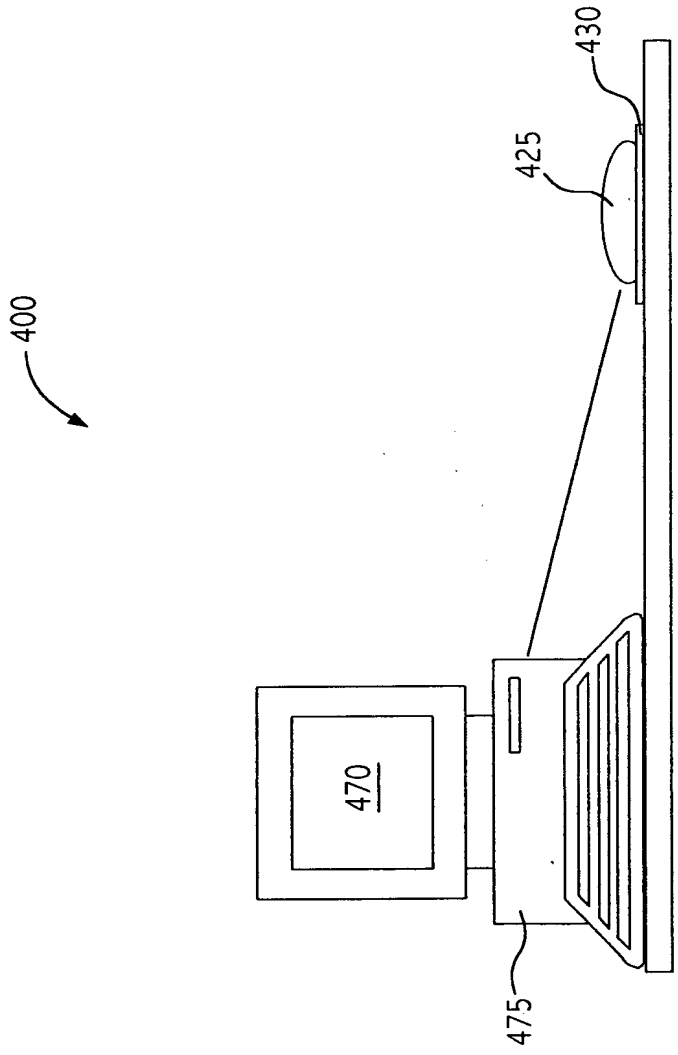

FIGURE 4B

Replacement Sheet

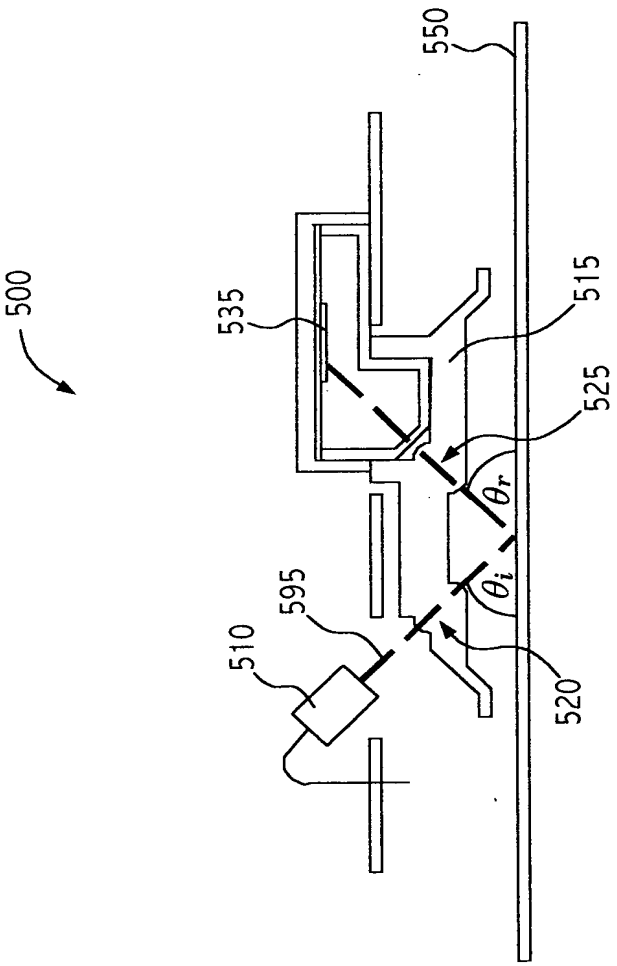

FIGURE 5

Replacement Sheet

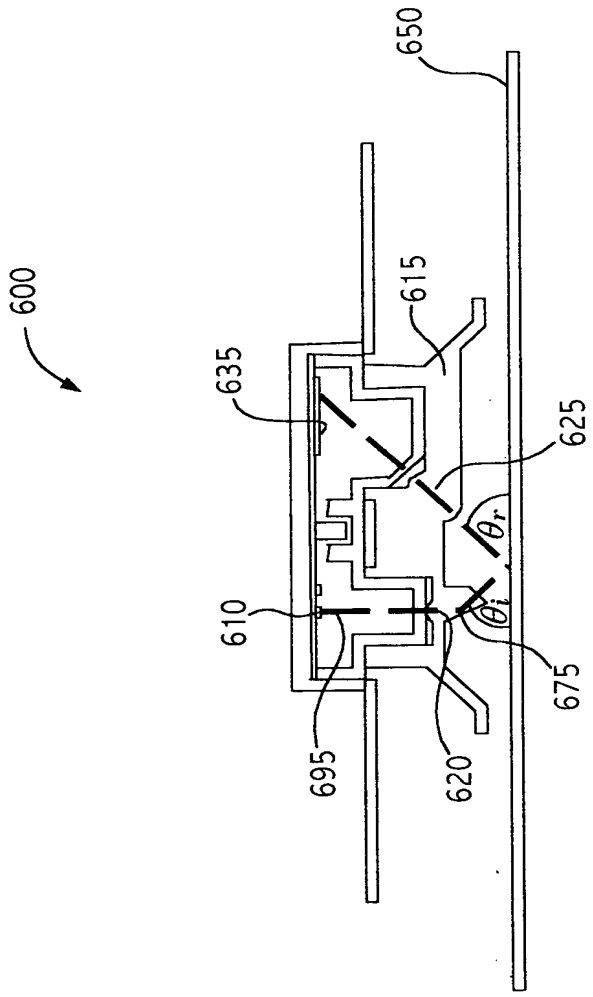

FIGURE 6

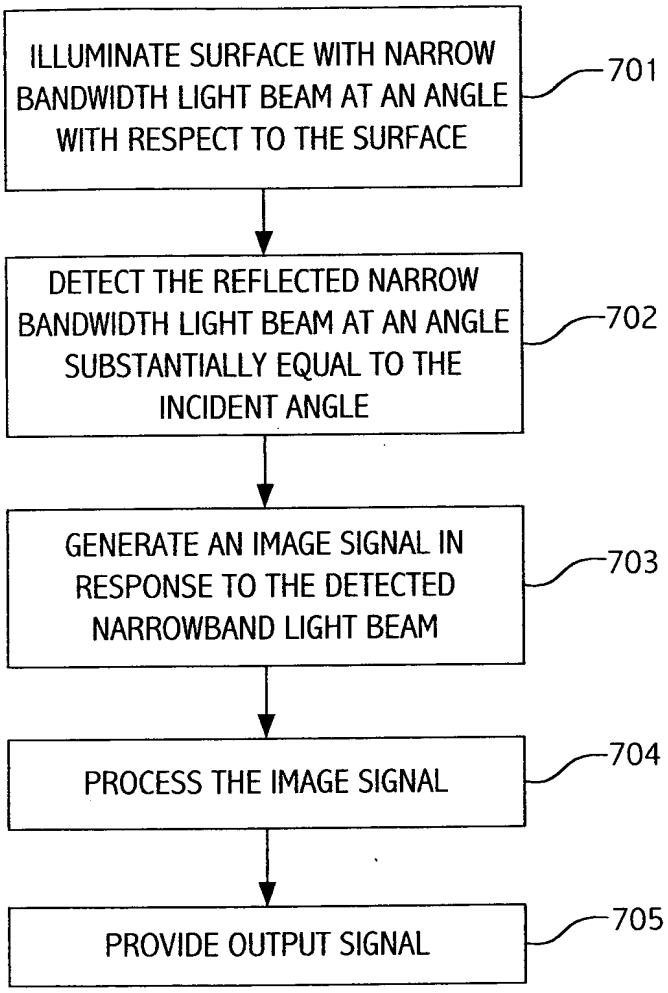
ILLUMINATE SURFACE WITH NARROW BANDWIDTH LIGHT BEAM AT AN ANGLE WITH RESPECT TO THE SURFACE
701
DETECT THE REFLECTED NARROW BANDWIDTH LIGHT BEAM AT AN ANGLE SUBSTANTIALLY EQUAL TO THE INCIDENT ANGLE
702
GENERATE AN IMAGE SIGNAL IN RESPONSE TO THE DETECTED NARROWBAND LIGHT BEAM
703
PROCESS THE IMAGE SIGNAL
704
PROVIDE OUTPUT SIGNAL
705

FIGURE 7

Replacement Sheet

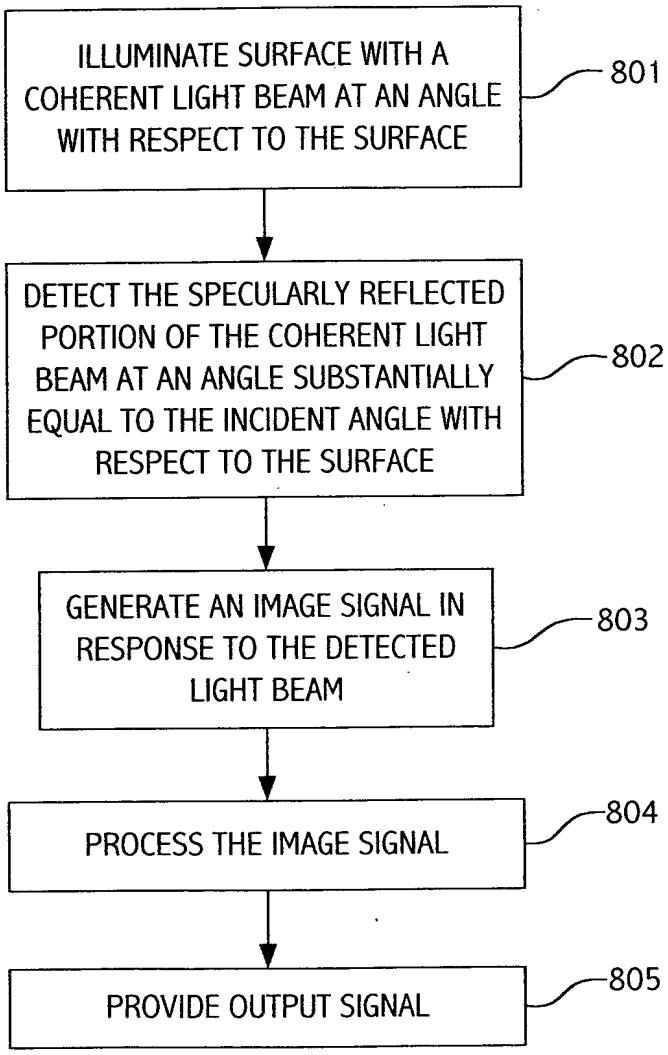
ILLUMINATE SURFACE WITH A COHERENT LIGHT BEAM AT AN ANGLE WITH RESPECT TO THE SURFACE
801
DETECT THE SPECULARLY REFLECTED PORTION OF THE COHERENT LIGHT BEAM AT AN ANGLE SUBSTANTIALLY EQUAL TO THE INCIDENT ANGLE WITH RESPECT TO THE SURFACE
802
GENERATE AN IMAGE SIGNAL IN RESPONSE TO THE DETECTED LIGHT BEAM
803
PROCESS THE IMAGE SIGNAL
804
PROVIDE OUTPUT SIGNAL
805

FIGURE 8